

## Wind Park Systems Ltd.

### Introduction:

Wind Park Systems NI Ltd was hired to provide wind farm analysis and consultancy for the pre planning works on site at Owenerk Lifford County Donegal in 2019, for the planning of two V112-3.45 MW<sup>®</sup> IEC IA approximately 112m Blade Diameter and 94m towers, at respective positions WTG 1 X-Eastings 233603 Y Northings 440174, WTG 2 X-Eastings 234381 Y-Northings 440796.

### SITE LOCATION & DESCRIPTION

Site is 1km from the centre of Beam Hill and Drumlough windfarm which have been in operation for some 17 years. Site is 260m above sea level and is 1000m away from any 3<sup>rd</sup> party dwellings or buildings that could be renovated to house people in the future. Site is has one special area of conservation to the northwest, and 2.53km away and Proposed Natural Heritage Area: Bulbin Mountain 1.31Km to the east.

A multitude of reports have been carried out on site for its potential as a site for two Vestas wind turbines, such as habitat, Bat Survey, Noise, Shadow Flicker all have shown no signs or any cause that the construction and operation of the two turbines would have any negative impact on the nature or general population of the immediate area.

During the later study of the site, it become known to WPS and the owners of the land and project that site was in the **not acceptable area** on the Wind Energy planning map Donegal County Council. It is to that end that this Written submission is provided to the County Donegal Development Plan 2018-2024 in respect of a Wind Energy Policy Framework. It was also found during these studies that site was in an Area of Especially High Scenic Amenity (EHSA).

With respect to the site above we ask that you add to variation in County Donegal Development Plan 2018-2024 to bring the site into the accepted area of the County Donegal Wind energy map and secondly move the EHSA currently on site by some 200m. The project is wholly owned and will be operated by 3 local gentlemen who own the land where wind energy plants are to be constructed subject to planning been successful.

Donegal has the highest wind speeds in Europe, this project would be a symbol of local people developing a renewable energy generation technology on their own land which would put money directly back into the local community unlike 99% of other wind projects in the country whose operating profits end up in some midland European bank with little or minimum gain for the local economy. Although the site in question is squarely in the red on the purposed map, given that there are operating windfarms within one km of the purposed site this would be a minimal request to ask of any local council acting in the interest of their local electorate.

I feel that proposed site fits within the policy of the Council E-P-20 "that all proposals for renewable energy development will have regard to the cumulative effect of the development on the environment when considered in conjunction with other existing and permitted developments in the area.'

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### Grid Implication and Demand

There is a substation 10.3km away from site that has a demand 4 times in exceedance of what the operating windfarm would generate at peak load, given the current grid problems around demand this again means the site is very suitable for the development of such medium scale wind Farm.

Signed

*Matthew Kirby.*

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